

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Michael B. Ball and Chad A. Cobbley

**Serial No.:** To be assigned

**Filed:** December 14, 2000

**For:** METHOD OF DISPOSING  
CONDUCTIVE BUMPS ONTO A  
SEMICONDUCTOR DEVICE AND  
SEMICONDUCTOR DEVICES SO FORMED

**Examiner:** Unknown

**Group Art Unit:** Unknown

**Attorney Docket No.:** 3817.1US (97-1350.1)

JC714 U.S. PTO  
09/736795  
12/14/00

NOTICE OF EXPRESS MAILING

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

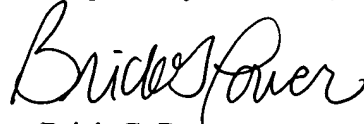
The present application is a divisional of application Serial No. 09/385,584, filed August 27, 1999, pending.

Pursuant to M.P.E.P. 2001.06(b), the Examiner is respectfully requested to consider the information of record in the prior application, and to confirm in the first Office Action on the merits that such art has in fact been reviewed. A PTO-1449 form listing all of the information of record in the prior application is enclosed herewith.

Attorney Docket: 3817.1US (97-1350.1)

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,



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Date: December 14, 2000

BGP/df/ps/dp

Enclosure: Form PTO-1449

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Form PTO-1449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)  
**3817.1US (97-1350.1)**

Application Number  
**N t yet assigned**

Applicant **Michael B. Ball and Chad A. Cobbley**

Filing Date **December 14, 2000**

Group Art Unit **Unknown**

JC714 U.S. PTO  
09/13/95

12/14/00

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,922,321	May 1, 1990	Arai et al.			
	5,246,880	September 21, 1993	Reele et al.			
	5,361,695	November 8, 1994	Takagi et al.			
	5,388,327	February 14, 1995	Trabucco			
	5,442,852	August 22, 1995	Danner			
	5,460,316	October 24, 1995	Hefele			
	5,473,197	December 5, 1995	Idaka et al.			
	5,492,235	February 20, 1996	Crafts et al.			
	5,497,938	March 12, 1996	McMahon et al.			
	5,504,277	April 2, 1996	Danner			
	5,510,156	April 23, 1996	Zhao			
	5,519,580	May 21, 1996	Natarajan et al.			
	5,539,153	July 23, 1996	Schwiebert et al.			
	5,565,033	October 15, 1996	Gaynes et al.			
	5,586,715	December 24, 1996	Schwiebert et al.			
	5,593,080	January 14, 1997	Teshima et al.			
	5,600,180	February 4, 1997	Kusaka et al.			
	5,637,832	June 10, 1997	Danner			
	5,663,530	September 2, 1997	Schueller et al.			

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>3817.1US (97-1350.1)</b>		Application Number <b>Not yet assigned</b>	
				Applicant <b>Michael B. Ball and Chad A. C bbley</b>			
				Filing Date <b>December 14, 2000</b>		Group Art Unit <b>Unknown</b>	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,672,542	September 30, 1997	Schwiebert et al.			
	5,676,853	October 14, 1997	Alwan			
	5,689,091	November 18, 1997	Hamzehdoost et al.			
	5,717,252	February 10, 1998	Nakashima et al.			
	5,735,452	April 7, 1998	Yu et al.			
	5,741,624	April 21, 1998	Jeng et al.			
	5,751,068	May 12, 1998	McMahon et al.			
	5,787,580	August 4, 1998	Woo			
	5,796,038	August 18, 1998	Manteghi			
	5,811,184	September 22, 1998	Anderson et al.			
	5,818,697	October 6, 1998	Armezzani et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.